Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Friday 04 Dec 2020 until 23:59 on Saturday 05 Dec 2020

Forecast Issued on Friday 04 Dec 2020 at 02:00

Confidence: High for cold day with snow Friday but lower for details and the return to slightly warmer and, for a time, more settled conditions early next week

Headline for Friday 04 Dec 2020: Bright start but becoming cloudy with occasionally heavy snow. Strong Northerly winds.

Mountain weather hazards on Friday 04 Dec 2020

Blizzards Medium Likelihood	**Heavy Snow** Medium Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability					
30%	10%	60%	90%	20%	20%

Forecast for Friday 04 Dec 2020

Weather: Clear spells and occasionally heavy snow showers overnight. The showers die out soon after dawn to leave some sunny spells but cloud increases from the east bringing more persistent snow for the afternoon, this heavy at times with blizzard conditions possible. The snow clears around or soon after dusk to leave clear spells and snow showers in the evening, the snow turning increasingly to rain below about 600m. Lying snow will drift and blow in the strong winds.

Chance of cloud free mountain/hill tops above 800m: Around 60% at first with occasional cloud above 600m but falling close to zero by midday with periods or persistent cloud above 600m and patches below. Chances improve during the evening.

Visibility: Very good falling to a few kilometres in snow and snow showers, but a kilometre or less in heavier snow and near zero in blizzard conditions.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 04 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	38/44 N	18/23 N	26/32 NE	34/42 N	29/36 N	33/41 N	27/35 NE
600	26/33 NW	13/17 N	16/22 N	26/37 N	23/33 N	26/37 N	22/31 NE
300	13/32 NW	7/17 N	6/20 N	7/27 N	8/25 N	9/26 N	9/25 NE
Valley	15/34 N	11/21 N	11/24 N	12/32 N	13/30 N	14/33 N	13/28 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-13	-3/-10	-2/-10	-1/-9	-1/-9	-1/-9	-2/-10
600	-2/-10	-2/-7	-1/-7	1/-6	0/-6	1/-6	0/-7
300	-0/-6	-0/-4	1/-2	2/-1	2/-1	2/-2	2/-2
Valley	1/-4	2/-2	4/0	4/1	5/1	5/1	4/1
Freezing Level*	300m	300m	500m	900m	800m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day at all levels, although lying snow at lower levels thawing during the evening.

Forecast for Saturday 05 Dec 2020

Weather: Clear spells and a few snow showers overnight, the showers falling increasingly as rain below about 600m. Then a bright day with some good spells of sunshine, perhaps a few snow showers, especially across eastern fells through the late afternoon and evening, the showers mainly of rain below about 450m.

Maximum wind: Northeasterly 25-30mph, gusts around 45mph over ridges and summits, gradually easing 15mph and backing more northerly again later.

Chance of cloud free mountain/hill tops above 800m: Close to 100% through the morning with little cloud expected below the summits falling to 60% in the afternoon, especially in the east with occasional cloud above 600m developing.

Visibility: Very good or excellent with some good views of recently snow covered fell tops, falling to just a few kilometres in snow showers.

Temperature: **Valleys:** Plus 1 or 2 Celsius rising to plus 6 or 7 Celsius by day, falling close to zero again in evening.
At 800m: Around minus 1 Celsius falling to minus 3 Celsius later
Freezing level: 750m falling to 600m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Thursday 3 December 2020. Location: Helvellyn summit at 12:43 Full report: 2-3 inches of fresh snow has fallen overnight and through the day today on relatively light NW through NE winds. The freezing level was down to approximately 500m and remained fairly constant throughout the day (although it was snowing down to roughly 300m). Some drifting has occurred with the largest (knee deep) accumulations of snow to be found in sheltered dips and hollows on the summit plateau and around east facing corrie rims with cornices beginning to form. This snow is soft and unstable and should be avoided. The light winds mean that ridge crests are still covered in soft unconsolidated show directly onto rock making progress difficult and potentially dangerous. Winds are forecast to increase significantly with further snowfall expected. Anyone venturing out tomorrow should anticipate very challenging conditions with reduced visibility and severe wind chill. Good navigation skills will be required for safe travel in the high fells. Warm and waterproof winter clothing including hat and gloves, and equipment including mountaineering boots, ice axe, crampons, map, compass and goggles and a headtorch are essential. Temperature: minus 1.5 C Maximum wind speed 6.4 mph Wind chill: minus 5.7 C Average wind speed: 4.9 mph.

Issued at: 02:00 on Fri 04 Dec 2020

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